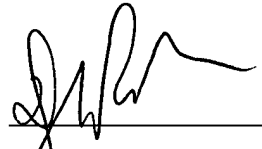


FORM PTO-1390 (REV 10-94)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 10873.1763USWO
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/551260
INTERNATIONAL APPLICATION NO. PCT/JP2004/004471	INTERNATIONAL FILING DATE March 29, 2004	PRIORITY DATE CLAIMED March 31, 2003	
TITLE OF INVENTION ULTRASONIC PROBE			
APPLICANT(S) FOR DO/EO/US HASEGAWA et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>			
<b>Items 11. to 16. below concern document(s) or information included:</b>			
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, 7 references.			
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13. <input type="checkbox"/> A FIRST preliminary amendment.			
<input type="checkbox"/> A SECOND of SUBSEQUENT preliminary amendment.			
14. <input type="checkbox"/> A substitute specification.			
15. <input type="checkbox"/> A change of power of attorney and/or address letter.			
16. <input checked="" type="checkbox"/> Other items or information: Application Data Sheet (5 pages), 4 sheets of formal drawings, Communication regarding Figure Publication, Written Amendment (4 pages), Written Reply (5 pages), International Publication Page WO 2004/086975 A1, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/332, Form PCT/IPEA/409			

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown <b>107551260</b>		INTERNATIONAL APPLICATION NO. PCT/JP2004/004471		ATTORNEY'S DOCKET NUMBER 10873.1763USWO	
<b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>					
[X] a) Basic National fee.....\$300				\$300	
[X] b) Examination fee.....\$200				\$200	
[X] c) Search fee.....\$500				\$500	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000</b>	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional set of 50 sheets, more than 100 sheets	Rate		
19 -100 =	0 /50 =	0	X \$250.00	\$0	
Surcharge of \$130 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	7 -20 =	0	X \$50	\$0	
Independent claims	1 -3 =	0	X \$200	\$0	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$0	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1000</b>	
Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27				\$0	
<b>SUBTOTAL =</b>				<b>\$1000</b>	
Processing fee of \$130 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$0	
<b>TOTAL NATIONAL FEE =</b>				<b>\$1000</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$0	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1000</b>	
				Amount to be: refunded	\$0
				charged	\$0
<p>a. [X] Check(s) in the amount of <u>\$1000</u> to cover the above fees is enclosed.</p> <p>b. [ ] Please charge the amount of \$      to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-3478</b>.</p> <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p> <p>SEND ALL CORRESPONDENCE TO:  Douglas P. Mueller  Hamre, Schumann, Mueller &amp; Larson, P.C.  P.O. Box 2902-0902  Minneapolis, MN 55402</p> <p style="text-align: right;">SIGNATURE:   NAME: Douglas R. Mueller  REGISTRATION NUMBER: 30,300</p>					

10/551260

JC12 Rec'd PCT/A 27 SEP 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HASEGAWA et al.  
 Attorney Docket: 10873.1763USWO  
 Title: ULTRASONIC PROBE

## CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: EV 648467840 US

Date of Deposit: September 27, 2005

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Application, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By: 

Name: Yuhgo Maruta

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

**53148**

PATENT TRADEMARK OFFICE

Commissioner:

The following papers are transmitted herewith:

- ☒ Transmittal sheet, in duplicate, containing Certificate Under 37 CFR 1.10;
- ☒ National Stage Patent Application including: Description - 12 pages; 7 Claims - 2 pages; Abstract - 1 page; Drawings - 4 sheets (formal);
- ☒ Signed Combined Declaration and Power of Attorney;
- ☒ Application Data Sheet - 5 pages;
- ☒ Information Disclosure Statement, Form 1449, 7 references
- ☒ Check(s) for the amount of \$1000 to cover the filing fee calculated below;
- ☒ Other: PTO Form 1390, Communication regarding Figure Publication, Written Amendment (4 pages), Written Reply (5 pages), International Publication Page WO 2004/086975 A1, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/332, Form PCT/IPEA/409
- ☒ Return postcard

**CLAIMS AS FILED**

Number of Claims Filed	No.	In Excess of	Extra	Rate	Fee
<b>Total Claims</b>	7	20	0	\$50	\$0
<b>Independent Claims</b>	1	3	0	\$200	\$0
<b>Multiple Dependent Claims Fee</b>					\$0
<b>Basic Filing Fee</b>					\$300
<b>Search Fee</b>					\$500
<b>Examination Fee</b>					\$200
<b>Utility Application Size Fee</b>	19	100	0	\$250	\$0
<b>Total</b>					\$1000

Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478. A duplicate of this sheet is enclosed.

Hamre, Schumann, Mueller & Larson, P.C.  
 P.O. Box 2902-0902 Minneapolis, MN 55402  
 612.455-3800

By: 

Name: Douglas P. Mueller  
 Reg. No. 30,300  
 Initials: DPM/acp

(PTO TRANSMITTAL - NEW FILING)

10/551260

JC12 Rec'd PCT/PTO 27 SEP 2005

S/N Unknown

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HASEGAWA et al.	Serial No.:	Unknown
Filed:	Concurrent herewith	Docket No.:	10873.1763USWO
Title:	ULTRASONIC PROBE		

## CERTIFICATE UNDER 37 CFR 1.10

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By: 

Name: Yuhgo Maruta

COMMUNICATION REGARDING REQUESTED FIGURE

Mail Stop PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

In connection with the above-identified application, applicant respectfully requests that Figure 1 be printed on the front page of the published application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record Douglas P. Mueller (Reg. No. 30,300), at (612) 455.3804.

**53148**

PATENT TRADEMARK OFFICE

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0903  
(612) 455-3800

Dated: September 27, 2005By: 

Douglas P. Mueller  
Reg. No. 30,300  
DPM/acp